

CHOCO2 Air Conditioners Listing (100V•j

• | Energy efficiency • • consumption/CO₂

Heater-based

1 Room space

emissions on basis of 5hrs/day/4 months

Company	Model	Capacity kW	W	Energy Efficiency	CO2 emissions	Cooling cap. Kw	W	Energy efficiency	CO2 emissions as cooler
Hitachi	RAS-228HX	3.2	870	3.68	62.6	2.2	690	3.19	37.3
Mitsubishi	MSZ-GX227	3.2	885	3.62	63.7	2.2	750	2.93	40.5
Toshiba	RAS-221GTS	3.2	890	3.60	64.1	2.2	730	3.01	39.4
Toshiba	RAS-225STS	3.2	890	3.60	64.1	2.2	730	3.01	39.4
Fujitsu	AS22CPB	2.5	850	3.53	61.2	2.2	740	2.97	40.0
Fujitsu	AS22CPR	2.8	920	3.48	66.2	2.2	730	3.01	39.4
Fujitsu	AS22BPR	2.8	920	3.48	66.2	2.2	730	3.01	39.4
Fujitsu	AS25CPB	2.9	1010	3.37	72.7	2.5	890	2.81	48.1
Fujitsu	AS25BPB	2.9	1010	3.37	72.7	2.5	890	2.81	48.1
Corona	RV-ES22D	3.2	980	3.27	70.6	2.2	720	3.06	38.9
Sanyo	SAP-227LVR	3.2	1030	3.11	74.2	2.2	790	2.78	42.7
National	CS-AG22K	3.2	1060	3.02	76.3	2.2	880	2.50	47.5
National	CS-AG22T	3.2	1060	3.02	76.3	2.2	880	2.50	47.5
Mitsubishi	SRK220G	3.2	1070	2.99	77.0	2.2	830	2.65	44.8
Sanyo	SAP-228LVR	3.2	1070	2.99	77.0	2.2	850	2.59	45.9
Corona	RV-22CS	3.2	1080	2.96	77.8	2.2	760	2.89	41.0
Sharp	AY-H22G	3.2	1080	2.96	77.8	2.2	800	2.75	43.2
Hitachi	RAS-228GX	3.2	1090	2.94	78.5	2.2	820	2.68	44.3
Mitsubishi	SRK229G	3.2	1100	2.91	79.2	2.2	860	2.56	46.4
Mitsubishi	MSZ-G227	3.2	1190	2.69	85.7	2.2	1120	1.96	60.5
Mitsubishi	MSZ-G226	3.2	1190	2.69	85.7	2.2	1120	1.96	60.5
	Average	3.10	1011.7	3.20	72.8	2.23	824.3	2.74	44.5

Heater-based

1.5 Room space

Company	Model	Capacity kW	W	Energy Efficiency	CO2 emissions	Cooling cap. Kw	W	Energy efficiency	CO2 emissions as cooler
Fujitsu	AS25BPD	3.5	940	3.83	67.7	2.5	690	3.62	37.3
Toshiba	RAS-251GTS	3.4	900	3.78	64.8	2.5	800	3.13	43.2
Toshiba	RAS-255STS	3.4	900	3.78	64.8	2.5	800	3.13	43.2
Fujitsu	AS25CPD	3.4	955	3.77	68.8	2.5	745	3.36	40.2
Sanyo	SAP-258VR	3.4	920	3.7	66.2	2.5	820	3.05	44.3
Sharp	AY-H22GX	3.4	940	3.62	67.7	2.2	660	3.33	35.6
Mitsubishi	SRK229R	3.4	990	3.43	71.3	2.2	730	3.01	39.4
Fujitsu	AS28CPR	3.1	1165	3.43	83.9	2.8	1020	2.75	55.1
Mitsubishi	SRK228R	3.4	1030	3.3	74.2	2.2	750	2.93	40.5

Sanyo	SAP-227VR	3.4	1030	3.3	74.2	2.2	760	2.89	41.0
Fujitsu	AS25BPR	3.1	1100	3.27	79.2	2.5	930	2.69	50.2
Toshiba	RAS-255SV	3.4	1070	3.18	77.0	2.5	1010	2.48	54.5
Corona	RV-ES25D	3.4	1080	3.15	77.8	2.5	840	2.98	45.4
National	CS-AG25K	3.4	1160	2.93	83.5	2.5	1100	2.27	59.4
H	RAS-257GX	3.4	1180	2.88	85.0	2.5	1010	2.48	54.5
Sanyo	SAP-258LVR	3.4	1180	2.88	85.0	2.5	1030	2.43	55.6
Sanyo	SAP-257LVR	3.4	1180	2.88	85.0	2.5	1030	2.43	55.6
Sharp	AY-H25G	3.4	1200	2.83	86.4	2.5	990	2.53	53.5
Corona	RV-25CS	3.4	1210	2.81	87.1	2.5	920	2.72	49.7
Mitsubishi	MSZ-G257	3.4	1210	2.81	87.1	2.5	1130	2.21	61.0
	Average	3.38	1067.0	3.28	76.8	2.46	888.3	2.82	48.0

Heater-based 2 room space

Company	Model	Capacity kW	W	Energy Efficiency	CO2 emissions	Cooling cap. Kw	W	Energy efficiency	CO2 emissions as cooler
Sanyo	SAP-E258VS	3.6	740	4.86	53.3	2.5	550	4.55	29.7
National	CS-G25K	3.6	740	4.86	53.3	2.5	585	4.27	31.6
Sanyo	SAP-E257VS	3.6	770	4.68	55.4	2.5	580	4.31	31.3
National	CS-G25T	3.6	770	4.68	55.4	2.5	595	4.20	32.1
Toshiba	RAS-251GD	3.6	775	4.65	55.8	2.5	570	4.39	30.8
Toshiba	RAS-255SD	3.6	775	4.65	55.8	2.5	570	4.39	30.8
Mitsubishi	MSZ-FX257	3.6	775	4.65	55.8	2.5	605	4.13	32.7
Hitachi	RAS-259HX	3.6	785	4.59	56.5	2.5	615	4.07	33.2
Hitachi	RAS-2510HX	4.0	875	4.57	63.0	2.5	555	4.50	30.0
Mitsubishi	SRK259RZ	3.6	790	4.56	56.9	2.5	560	4.46	30.2
Hitachi	RAS-259GX	3.6	800	4.50	57.6	2.5	625	4.00	33.8
Sharp	AY-H25FX	3.6	815	4.42	58.7	2.5	580	4.31	31.3
Hitachi	RAS-2810HX	4.2	955	4.40	68.8	2.8	715	3.92	38.6
Mitsubishi	MSZ-FX256	3.6	825	4.36	59.4	2.5	615	4.07	33.2
Sanyo	SAP-E288VS	4.2	980	4.29	70.6	2.8	680	4.12	36.7
Mitsubishi	MSZ-FX287	4.2	990	4.24	71.3	2.8	740	3.78	40.0
Corona	CSH-EX257	3.6	855	4.21	61.6	2.5	655	3.82	35.4
Fujitsu	AS28CPE	4.6	1010	4.16	72.7	2.8	730	3.84	39.4
Toshiba	RAS-285SD	4.2	1015	4.14	73.1	2.8	725	3.86	39.2
Sanyo	SAP-E287VS	4.2	1020	4.12	73.4	2.8	720	3.89	38.9
Mitsubishi	MSZ-FX286	4.2	1020	4.12	73.4	2.8	735	3.81	39.7
Toshiba	RAS-281GD	4.2	1025	4.10	73.8	2.8	740	3.78	40.0
Corona	CSH-EX287	4.0	980	4.08	70.6	2.8	770	3.64	41.6
Mitsubishi	SRK289RZ	4.2	1030	4.08	74.2	2.8	720	3.89	38.9
National	CS-G28K	4.2	1030	4.08	74.2	2.8	780	3.59	42.1

Mitsubishi	SRK258RZ	3.6	890	4.04	64.1	2.5	650	3.85	35.1
National	CS-G28T	4.2	1050	4.00	75.6	2.8	795	3.52	42.9
Hitachi	RAS-289HX	4.2	1050	4.00	75.6	2.8	795	3.52	42.9
National	CS-SG25K	3.6	910	3.96	65.5	2.5	680	3.68	36.7
Hitachi	RAS-289GX	4.2	1060	3.96	76.3	2.8	820	3.41	44.3
Sharp	AY-H28FX	4.2	1090	3.85	78.5	2.8	725	3.86	39.2

Heater-based >2 Rooms (type 2)

Company	Model	Capacity kW	W	Energy Efficiency	CO2 emissions	Cooling cap. Kw	W	Energy efficiency	CO2 emissions as cooler
Mitsubishi	MSZ-FX327	4.5	1170	3.85	84.2	3.2	920	3.48	49.7
Toshiba	RAS-325SD	4.5	1170	3.85	84.2	3.2	970	3.30	52.4
National	CS-SG25T	3.6	940	3.83	67.7	2.5	700	3.57	37.8
Mitsubishi	MSZ-GX257	3.6	945	3.81	68.0	2.5	760	3.29	41.0
Hitachi	RAS-3210HX	4.5	1180	3.81	85.0	3.2	950	3.37	51.3
Mitsubishi	SRK329RZ	4.5	1200	3.75	86.4	3.2	930	3.44	50.2
Sanyo	SAP-E288VR	4.2	1140	3.68	82.1	2.8	820	3.41	44.3
Mitsubishi	SRK288RZ	4.2	1140	3.68	82.1	2.8	830	3.37	44.8
Sharp	AY-H32EX	4.5	1230	3.66	88.6	3.2	910	3.52	49.1
Sharp	AY-H25GX	3.6	990	3.64	71.3	2.5	720	3.47	38.9
Hitachi	RAS-258HX	3.6	990	3.64	71.3	2.5	790	3.16	42.7
Mitsubishi	SRK259R	3.6	990	3.64	71.3	2.5	795	3.14	42.9
Mitsubishi	MSZ-GX256	3.6	990	3.64	71.3	2.5	830	3.01	44.8
Mitsubishi	MSZ-FX326	4.5	1240	3.63	89.3	3.2	920	3.48	49.7
Fujitsu	AS28CPD	4.1	1165	3.61	83.9	2.8	865	3.24	46.7
Fujitsu	AS28BPD	4.1	1165	3.61	83.9	2.8	865	3.24	46.7
National	CS-G32K	4.5	1250	3.60	90.0	3.2	1050	3.05	56.7
Mitsubishi	MSZ-GX287	4.0	1125	3.56	81.0	2.8	980	2.86	52.9
Sharp	AY-G28SE	4.2	1190	3.53	85.7	2.8	870	3.22	47.0
National	CS-SG28K	4.2	1190	3.53	85.7	2.8	875	3.20	47.3
Hitachi	RAS-329GX	4.5	1280	3.52	92.2	3.2	1060	3.02	57.2
Sharp	AY-H28GX	4.2	1200	3.50	86.4	2.8	850	3.29	45.9
National	CS-G32T	4.5	1290	3.49	92.9	3.2	1070	2.99	57.8
National	CS-SG28T	4.2	1210	3.47	87.1	2.8	895	3.13	48.3
Sanyo	SAP-257VR	3.6	1040	3.46	74.9	2.5	880	2.84	47.5
Sanyo	SAP-327VR	4.5	1310	3.44	94.3	3.2	1100	2.91	59.4
Toshiba	RAS-321ED	4.5	1320	3.41	95.0	3.2	1050	3.05	56.7
Hitachi	RAS-328HX	4.5	1320	3.41	95.0	3.2	1100	2.91	59.4
Mitsubishi	SRK258R	3.6	1070	3.36	77.0	2.5	840	2.98	45.4
Toshiba	RAS-285STS	4.0	1190	3.36	85.7	2.8	1020	2.75	55.1
Toshiba	RAS-281GTS	4.0	1190	3.36	85.7	2.8	1060	2.64	57.2

Heater-based >2 Rooms (type 3)

Company	Model	Capacity kW	W	Energy Efficiency	CO2 emissions	Cooling cap. Kw	W	Energy efficiency	CO2 emissions as cooler
Mitsubishi	MSZ-G287	4.0	1190	3.36	85.7	2.8	1110	2.52	59.9
Fujitsu	AS28BPR	3.3	1200	3.33	86.4	2.8	1095	2.56	59.1
Mitsubishi	SRK329R	4.5	1350	3.33	97.2	3.2	1070	2.99	57.8
Fujitsu	AS32CPR	4.3	1350	3.33	97.2	3.2	1250	2.56	67.5
Sharp	AY-H28G	4.0	1210	3.31	87.1	2.8	1070	2.62	57.8
Mitsubishi	SRK328RZ	4.5	1360	3.31	97.9	3.2	1010	3.17	54.5
Fujitsu	AS32BPR	4.3	1360	3.31	97.9	3.2	1270	2.52	68.6
Mitsubishi	MSZ-GX286	4.0	1220	3.28	87.8	2.8	1080	2.59	58.3
Mitsubishi	SRK289R	4.2	1280	3.28	92.2	2.8	980	2.86	52.9
Hitachi	RAS-228HX	4.0	1250	3.20	90.0	2.8	1035	2.71	55.9
Sanyo	SAP-287VR	4.2	1320	3.18	95.0	2.8	990	2.83	53.5
Sanyo	SAP-W287V	4.2	1320	3.18	95.0	2.8	990	2.83	53.5
National	CS-BG28F	4.0	1280	3.13	92.2	2.8	1050	2.67	56.7
Corona	RV-ES28D	3.8	1220	3.11	87.8	2.8	960	2.92	51.8
Toshiba	RAS-406SD	6.0	1970	3.05	141.8	4.0	1420	2.82	76.7
Sanyo	SAP-288LVR	4.0	1340	2.99	96.5	2.8	1040	2.69	56.2
Sanyo	SAP-287LVR	4.0	1340	2.99	96.5	2.8	1040	2.69	56.2
Mitsubishi	SRK280G	3.8	1280	2.97	92.2	2.8	1180	2.37	63.7
Mitsubishi	SRK288R	4.0	1360	2.94	97.9	2.8	1030	2.72	55.6
Mitsubishi	SRK288RX	4.0	1360	2.94	97.9	2.8	1030	2.72	55.6
Sanyo	SAP-328VR	4.5	1530	2.94	110.2	3.2	1240	2.58	67.0
Mitsubishi	SRK250G	3.6	1250	2.88	90.0	2.5	990	2.53	53.5
Mitsubishi	SRK259G	3.6	1250	2.88	90.0	2.5	1050	2.38	56.7
National	CS-AG25T	3.6	1250	2.88	90.0	2.5	1110	2.25	59.9
Hitachi	RAS-328FX	4.5	1600	2.81	115.2	3.2	1260	2.54	68.0
Toshiba	RAS-F251LV	3.8	1365	2.78	98.3	2.5	985	2.54	53.2
Hitachi	RAS-287GX	4.0	1480	2.70	106.6	2.8	1160	2.41	62.6
	Average	4.05	1127.0	3.69	81.1	2.80	882.6	3.30	47.7